

DEVICE AND METHOD FOR LYSING CELLS, SPORES, OR MICROORGANISMS

ABSTRACT OF THE DISCLOSURE

A device for lysing components (e.g., cells, spores, or
5 microorganisms) of a fluid sample comprises a cartridge having a
lysing chamber for receiving the sample and having at least one
solid phase in the lysing chamber for capturing the sample
components to be lysed. An ultrasonic transducer is coupled to a
wall of the lysing chamber to transfer ultrasonic energy to the
10 captured sample components.

20060349-11074